IN THE CLAIMS:

1. (Original) A laser irradiation stage comprising a surface on which an object to be irradiated by a beam is placed,

wherein the surface provides cylindrical shape curvature to the object to be irradiated by the beam.

2. (Original) A laser irradiation stage comprising a surface on which an object to be irradiated by a beam is placed,

wherein the surface provides curvature to the object to be irradiated by the beam,

wherein a distance between the center of radius of the curvature and a laser oscillator is longer than a distance between the center of radius of the curvature and the object to be irradiated by the beam.

3. (Original) A laser irradiation stage comprising a surface on which an object to be irradiated by a beam is placed,

wherein the surface provides concave cylindrical shape curvature to the object to be irradiated by the beam.

4. (Currently Amended) A laser irradiation apparatus comprising:

a laser oscillator;

a first means for expanding a laser beam emitted from the laser oscillator in a first direction;

a second means for condensing the laser beam in a second direction that is orthogonal to the first direction; and

a third means for providing an object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction with a laser beam irradiation surface and moving the irradiation surface in the second direction, relative to the laser beam;

wherein:

the laser beam irradiation surface has a cylindrical shape curvature in a direction parallel to the first direction, and

the third means comprises a first surface on which the object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction is placed, the first surface having the cylindrical shape curvature in the direction parallel to the first direction.

5. (Currently Amended) A laser irradiation apparatus comprising:

a laser oscillator;

a first means for expanding a laser beam emitted from the laser oscillator in a first direction;

a second means for condensing the laser beam in a second direction that is orthogonal to the first direction; and

a third means for providing an object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction with a laser beam irradiation surface and moving the irradiation surface in the second direction, relative to the laser beam;

wherein:

the laser beam irradiation surface has a curvature in a direction parallel to the first direction,

the third means comprises a first surface on which the object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction is placed, the first surface having the curvature in the direction parallel to the first direction, and

a distance between the center of radius of the curvature and the laser oscillator is longer than a distance between the center of radius of the curvature and the object to be irradiated by the beam.

6. (Currently Amended) A laser irradiation apparatus comprising:

a laser oscillator;

a first means for expanding a laser beam emitted from the laser oscillator in a first direction;

a second means for condensing the laser beam in a second direction that is orthogonal to the first direction; and

a third means for providing an object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction with a laser beam irradiation surface and moving the irradiation surface in the second direction, relative to the laser beam;

wherein:

the laser beam irradiation surface has a concave cylindrical shape curvature in a direction parallel to the first direction, and

the third means comprises a first surface on which the object to be irradiated with the laser beam expanded in the first direction and condensed in the second direction is placed, the first surface having the concave cylindrical shape curvature in the direction parallel to the first direction.

7. (Original) A laser irradiation apparatus according to claim 4, wherein the first means contains a cylindrical lens array or a cylindrical lens.

8 . (Original) A laser irradiation apparatus according to claim 5 , wherein the first means contains a cylindrical lens array or a cylindrical lens.

9. (Original) A laser irradiation apparatus according to claim 6, wherein the first means contains a cylindrical lens array or a cylindrical lens.

10. (Original) A laser irradiation apparatus according to claim 4, wherein the second means contains a cylindrical lens array or a cylindrical lens.

11. (Original) A laser irradiation apparatus according to claim 5, wherein the second means contains a cylindrical lens array or a cylindrical lens.

12. (Original) A laser irradiation apparatus according to claim 6, wherein the second means contains a cylindrical lens array or a cylindrical lens.

13. (Original) A laser irradiation apparatus according to claim 4, wherein the laser oscillator is an excimer laser, a YAG laser, a YVO_4 laser, a YLF laser, a $YA1O_3$ laser, or a glass laser.

14. (Original) A laser irradiation apparatus according to claim 5, wherein the laser oscillator is an excimer laser, a YAG laser, a YVO_4 laser, a YLF laser, a $YA1O_3$ laser, or a glass laser.

15. (Original) A laser irradiation apparatus according to claim 6, wherein the laser oscillator is an excimer laser, a YAG laser, a YVO_4 laser, a YLF laser, a $YA1O_3$ laser, or a glass laser.

16.-30 (Cancelled)